WTCI-173-P

1 & 2 WTC/All Floors - Signage

WPM-6424

Quality Assurance Division
Design Standards

TAA No. WPM- 6424 **Charge Code:** W02-200444

Tenant: FEL SIGNAGE

REVIEW STATUS

Submission No. & Date	Response To	Coordinator's Initial	Memo Date	Approval Date	Facility Rider	Outstanding Comments	Remarks/Status	DWG/SPEC Location
1(6.11.99)	-	DR	-	6/25/00		0		FOLDER

THE PORT AUTHORITY OF NEW YORK & NEW JERSEY

M E M O R A N D U M

To: Ms. Teresa Koebel, Manager, World Trade Project Management
From: C. John Lin, P.E.
Date: June 28, 1999
Subject: **WTC - ALTERATION APPLICATION WPM-6424 - FREIGHT ELEVATOR LOBBY SIGNAGE - WTC 1 AND 2, ALL FLOORS**

Reference: Review Request dated 6/11/99

Copy To: A. Fadavi, J. Napolitano, R. Rafferty, J. Richardson, Job Folder, Chrono Folder

A review of the material submitted with the referenced request has been made.

It is recommended that **approval** to proceed with construction be granted.

Drawings:

REMARKS: 1) The drawing of the proposed signage is recommended for approval.

2) This memorandum was transmitted to the Facility via OA on June 28, 1999.

C. John Lin, P.E.
Manager
Quality Assurance Division

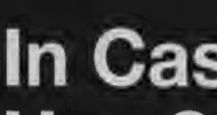
I.D.: WPM-6424-001
DR/lm
att.

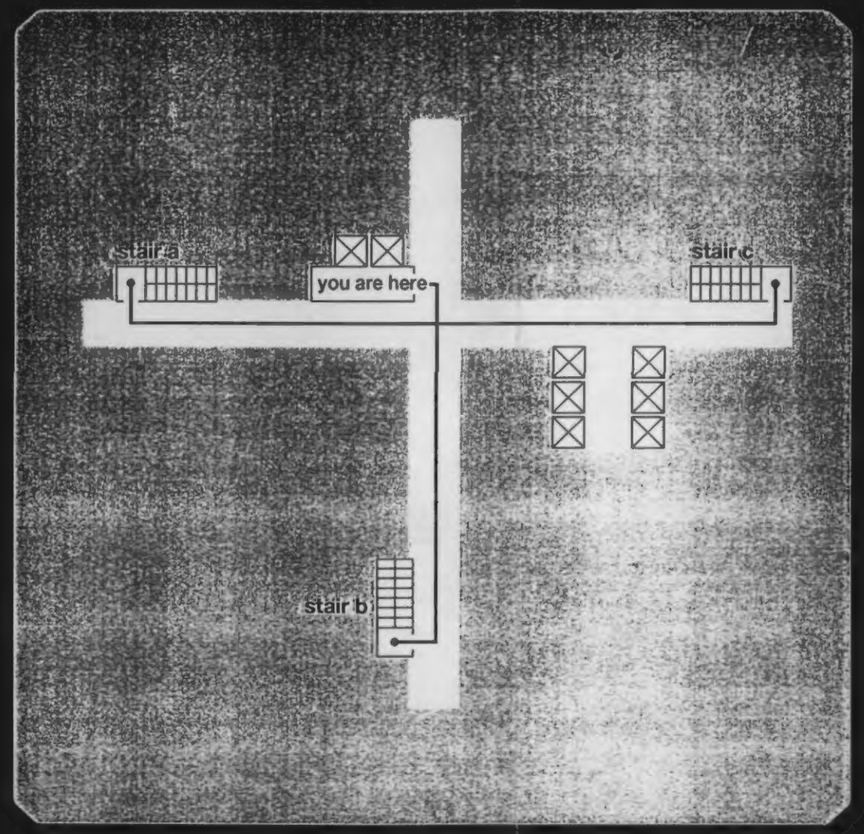
Reviewer:
D. Remeta, Coordinator and Architectural.

1 World Trade Center

Floor 23

In Case of Fire Use Stairs Unless Otherwise Instructed





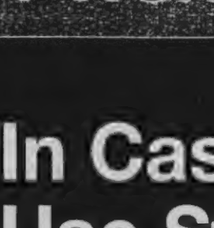
THE PORT AUTHORITY OF N.Y. &
ENGINEERING DEPT. QUALITY ASSURANCE
DESIGN STANDARDS
JUN 15 1999
wpm-6924
RECEIVED
ALTERATIONS APPLICATION
TENANT CONSTRUCTION

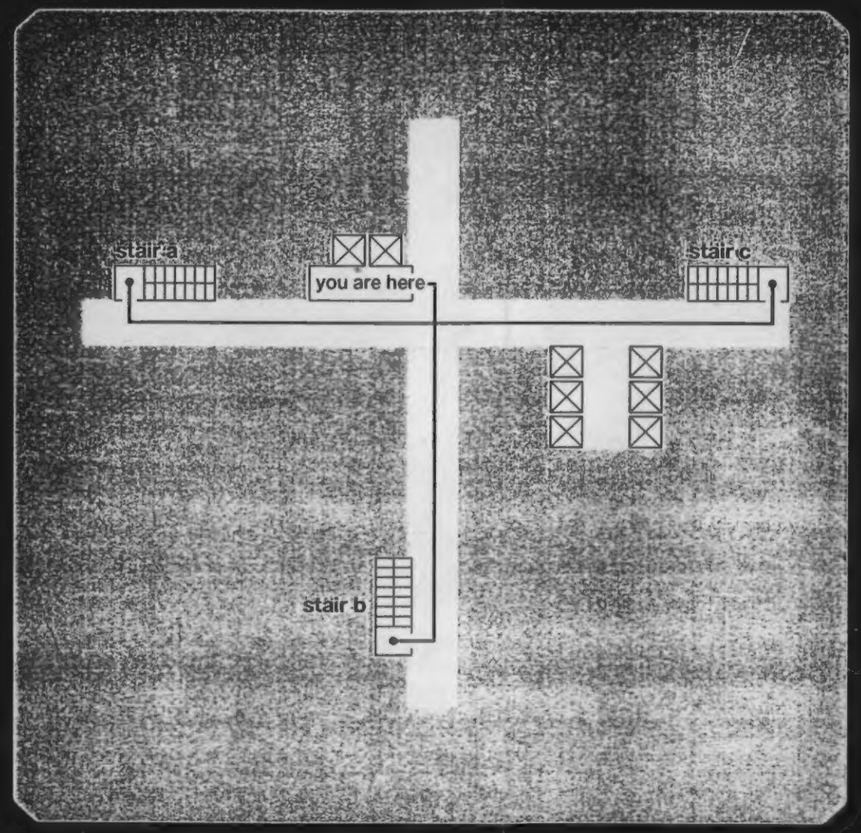
SPARE

1 World Trade Center

Floor 23

In Case of Fire
Use Stairs Unless
Otherwise Instructed





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1 World Trade Center

Floor 23

In Case of Fire
Use Stairs Unless
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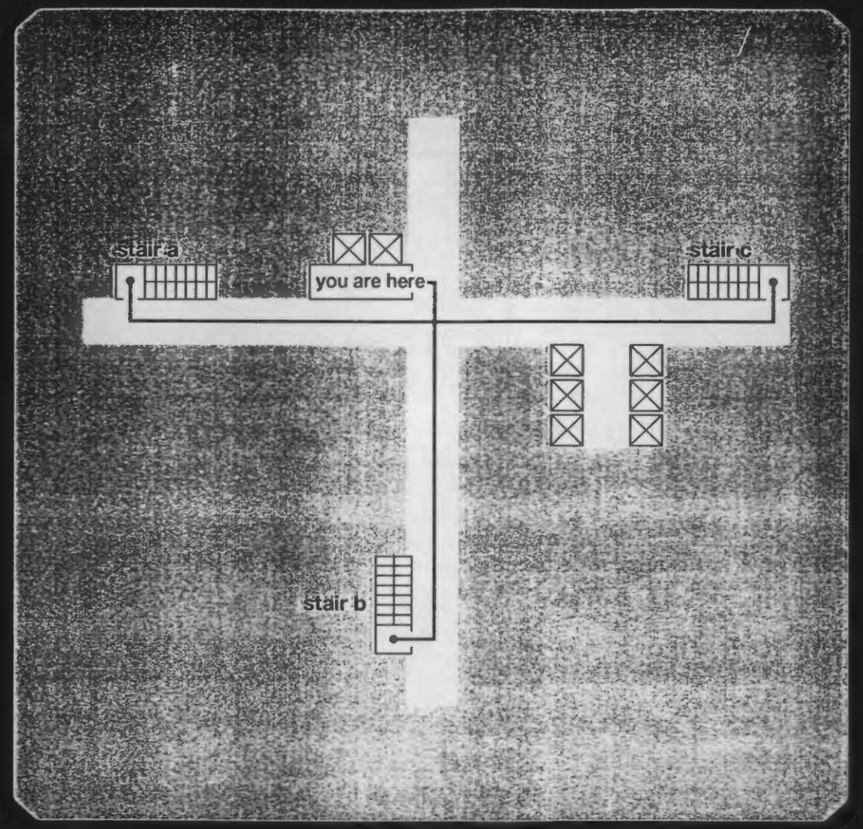


THE PORT AUTHORITY OF N.Y. & N.J.
ENGINEERING DEPT. QUALITY ASSURANCE &
DESIGN STANDARDS
JUN 15 1999
WPM-6929 (1)
RECEIVED
ALTERATIONS APPLICATION
TENANT CONSTRUCTION REVIEW UNIT

SPARE

Revised 5/99

6/7-8

THE POR[illegible]UTHORITY OF NEW YORK AN[illegible]EW JERSEY
TENANT ALTERATION APPLICATION REVIEW REQUEST

1&2 WPM 6424

DISTRIBUTION		
No.	To	Facility
4	QAD	51N
~~1~~	~~D. Warren~~	~~BATC Zip43~~
~~1~~	~~S.P. Chiao~~	~~88 S~~
1	~~G. Daly~~	~~88 S~~
1	B. Brown	88 S
~~1~~	~~E. Cornelius/Dick Stronk - LERA~~	~~2 WTC 37th Fl~~
~~1*~~	~~P. Simonetti~~	~~2 WTC~~
~~1*~~	~~GADD Disk Set~~	~~37th Fl.~~
~~1~~	~~P. Negron~~	~~2 WTC 37th Fl~~
~~*1~~	~~S. Batra~~	~~2 WTC 37th Fl~~
~~1~~	~~G. Semah~~	~~2 WTC 35th Fl~~

* for each submission

Facility ____ Floor All TAA No. ^ Date 6/11/99

Application/Tenant THE PORT AUTHORITY

Consultant Colvie Brants

Estimated Cost ____ Submittal No. 1

Description of Work

"YOU ARE HERE" SIGNS FOR PELs

Please review the attached (revised) application and send comments to:

Name: Jo-Ann Gisolfi

Location: 1 WTC, 88S Phone No. 435-4087

Fax No.: 435-8168

6/25/99 *Due Date*

OFFICE COPY

DESIGN DISCIPLINES
- [ ] Architectural
- [ ] Egress Analysis
- [ ] Structural
- [ ] HVAC
- [ ] Plumbing
- [ ] Sprinkler
- [ ] Electrical
- [ ] Utility > 600 V
- [ ] Civil
- [ ] Geotechnical
- [ ] Environmental
- [ ] Fueling
- [ ] Radio Freq. Coord.
- [ ] Corrosion Protection
- [ ] Elevator/Escalator
- [ ] Other

ATTACHMENTS
- [ ] Document List
- [ ] Contract Drawings
- [ ] Contract Specifications
- [ ] Tenant Response
- [ ] Computations
- [ ] Reports
- [ ] Catalog Cuts
- [X] Other

SPECIAL INSTRUCTIONS

DESCRIPTION

CODE APPROVAL OF SIGN

THE PORT AUTHORITY OF N.Y. & N.J.
ENGINEERING DEPT. QUALITY ASSURANCE DIV.
DESIGN STANDARDS

JUN 15 1999
WPM-6424 (1)
RECEIVED
ALTERATIONS APPLICATION
TENANT CONSTRUCTION REVIEW UNIT

Copy to: T. Koebel, J. Napolitano, E. Monteverde, J. Richardson, N. Seliga, F. Varriano (Proj. Mgr.)

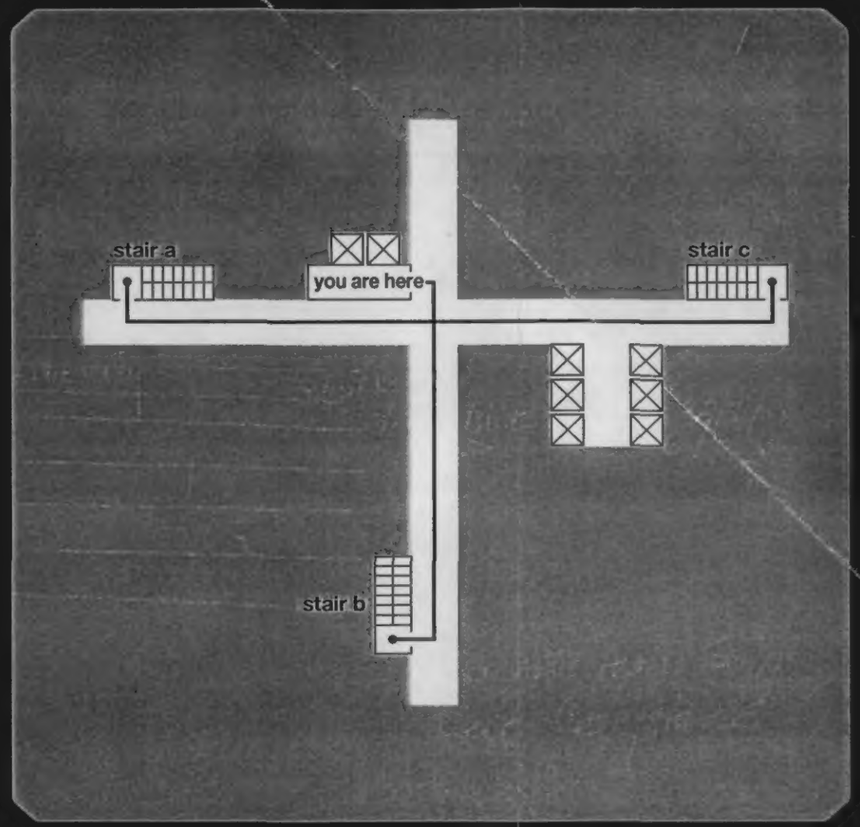
R. Bonnacchio (Zone Prop. Mgr.)

Jo-Ann Gisolfi
Signature

1 World Trade Center

In Case of Fire
Use Stairs Unless
Otherwise Instructed

Floor 23



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DESIGN STANDARDS

JUN 15 1999
WPm-6424 (1)
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ALTERATIONS APPLICATION
TENANT CONSTRUCTION

CAD TUBE
SUB
Dwg's
Chan's

NOTES:

1. MAXIMUM OCCUPANCY LOAD PERMITTED: 1170 PERSONS.
2. NO CHANGES HAVE BEEN MADE TO AREAS OF REFUGE OR EXIT CORRIDORS.
3. HANDICAPPED ACCESS TO ROOF PROVIDED BY ELEVATOR TO THE 110TH. FLOOR AND A GARAVENTA STAIR-TRAC PORTABLE STAIR CLIMBING WHEELCHAIR LIFT FROM 110TH FL. TO ROOF

EXISTING SUMMARY-CAPACITY OF EXITS

STAIR 'A': 48"=2 EUW @ 60 PERS. = 120 PERS.
STAIR 'B': 60"=2.5EUW @ 60 PERS. = 150 PERS.
STAIR 'C': 48"=2 E.U.W @ 60 PERS. = 120 PERS.
TOTAL: 390 PERS.

INCREASE PERMITTED BY PROVIDING TWO AREAS OF REFUGE 3 TIMES CAPACITY:

390 X 3 = 1170 PERS.

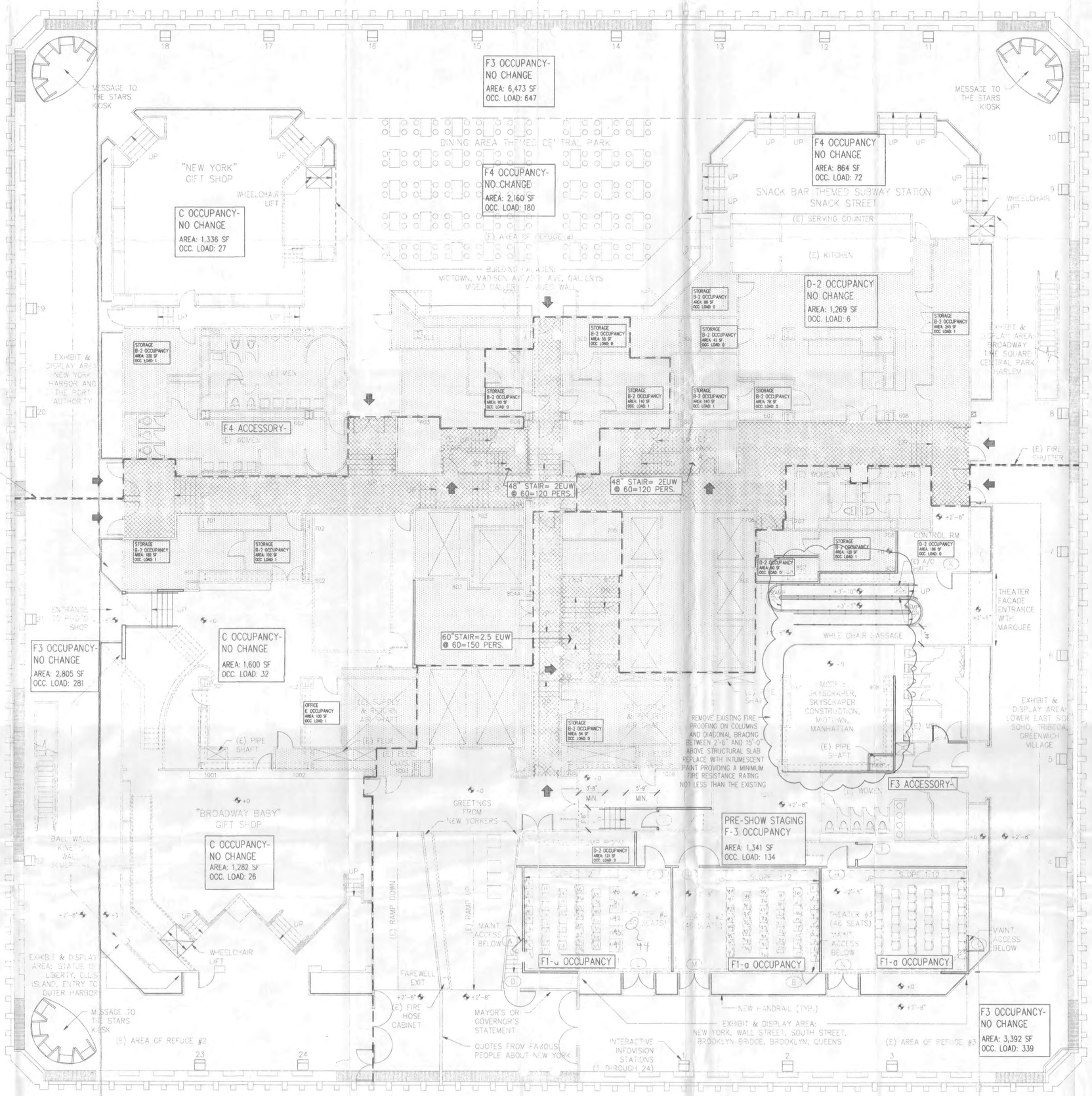
MAXIMUM CAPACITY OF FLOOR (INCLUDES ROOF)
1170 PERS.

LEGEND

(E) EXISTING
(E) WALLS TO REMAIN
NEW WALLS
(E) ITEMS TO BE REMOVED
(E) DIAGONAL BRACING
AREA OF REFUGE DIVISION
EXISTING FLOOR GRATING
EXISTING EGRESS PASSAGEWAY- NO CHANGE
EXISTING AREAS- NO CHANGE

DOOR SCHEDULE

DOOR NUMBER	DOOR DESCRIPTION
A	3'-0" x 5'-0"
B	3'-0" x 5'-0"
C	3'-0" x 5'-0"
D	4'-0" x 7'-0"
E	6'-0" x 7'-0"
F	4'-0" x 7'-0"
G	4'-0" x 7'-0"
H	4'-0" x 7'-0"
I	3'-0" x 7'-0"
J	3'-0" x 7'-0"
K	3'-0" x 7'-0"
L	2 @ 3'-0" x 7'-0"
M	2 @ 3'-0" x 7'-0"
N	2 @ 3'-0" x 7'-0"


F3 OCCUPANCY- NO CHANGE AREA: 6,473 SF OCC. LOAD: 647
MESSAGE TO THE STARS KIOSK
"NEW YORK" GIFT SHOP
C OCCUPANCY- NO CHANGE AREA: 1,336 SF OCC. LOAD: 27
WHEELCHAIR LIFT
DINING AREA THEMED CENTRAL PARK
F4 OCCUPANCY- NO CHANGE AREA: 2,160 SF OCC. LOAD: 180
(E) AREA OF REFUGE #1
BUILDING FACADES: MIDTOWN, MADISON AVE/5TH AVE, GALLERYS VIDEO GALLERY
F4 OCCUPANCY NO CHANGE AREA: 864 SF OCC. LOAD: 72
SNACK BAR THEMED SUBWAY STATION SNACK STREET
(E) SERVING COUNTER
(E) KITCHEN
D-2 OCCUPANCY NO CHANGE AREA: 1,269 SF OCC. LOAD: 6
EXHIBIT & DISPLAY AREA: BROADWAY - TIME SQUARE - CENTRAL PARK - HARLEM
EXHIBIT & DISPLAY AREA: NEW YORK HARBOR AND THE PORT AUTHORITY
F4 ACCESSORY- (E) WOMEN
48" STAIR= 2EUW @ 60=120 PERS.
60"STAIR=2.5 EUW @ 60=150 PERS.
(E) FIRE SHUTTER
CONTROL RM
THEATER FACADE ENTRANCE WITH MARQUEE
WHLE CHAR PASSAGE
MODEL SKYSCRAPER, SKYSCRAPER CONSTRUCTION, MIDTOWN, MANHATTAN
(E) PIPE SHAFT
F3 ACCESSORY-
EXHIBIT & DISPLAY AREA: LOWER EAST SIDE, SOHO, TRIBECA, GREENWICH VILLAGE
ENTRANCE TO GIFT SHOP
F3 OCCUPANCY- NO CHANGE AREA: 2,805 SF OCC. LOAD: 281
C OCCUPANCY- NO CHANGE AREA: 1,600 SF OCC. LOAD: 32
OFFICE E OCCUPANCY AREA: 100 SF OCC LOAD: 1
STORAGE B-2 OCCUPANCY AREA: 54 SF OCC LOAD: 0
REMOVE EXISTING FIRE PROOFING ON COLUMNS AND DIAGONAL BRACING BETWEEN 2'-6" AND 15'-0" ABOVE STRUCTURAL SLAB REPLACE WITH INTUMESCENT PAINT PROVIDING A MINIMUM FIRE RESISTANCE RATING NOT LESS THAN THE EXISTING
"BROADWAY BABY" GIFT SHOP
C OCCUPANCY- NO CHANGE AREA: 1,282 SF OCC. LOAD: 26
GREETINGS FROM NEW YORKERS
PRE-SHOW STAGING F-3 OCCUPANCY AREA: 1,341 SF OCC. LOAD: 134
(E) RAMP DOWN
(E) RAMP UP
VAULT ACCESS BELOW
THEATER #1 (46 SEATS)
THEATER #2 (46 SEATS)
THEATER #3 (46 SEATS)
F1-a OCCUPANCY
F1-a OCCUPANCY
F1-a OCCUPANCY
WHEELCHAIR LIFT
EXHIBIT & DISPLAY AREA: STATUE OF LIBERTY, ELLIS ISLAND, ENTRY TO OUTER HARBOR
MESSAGE TO THE STARS KIOSK
FAREWELL EXIT
(E) FIRE HOSE CABINET
MAYOR'S OR GOVERNOR'S STATEMENT
QUOTES FROM FAMOUS PEOPLE ABOUT NEW YORK
INTERACTIVE INFOVISION STATIONS (1 THROUGH 24)
NEW HANDRAIL (TYP.)
EXHIBIT & DISPLAY AREA: NEW YORK, WALL STREET, SOUTH STREET, BROOKLYN BRIDGE, BROOKLYN, QUEENS
F3 OCCUPANCY- NO CHANGE AREA: 3,392 SF OCC. LOAD: 339
(E) AREA OF REFUGE #2
(E) AREA OF REFUGE #3
(E) PIPE SHAFT
1001
1002
1003
1004
1005
1006
1007
1008
1009
1010
1011
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